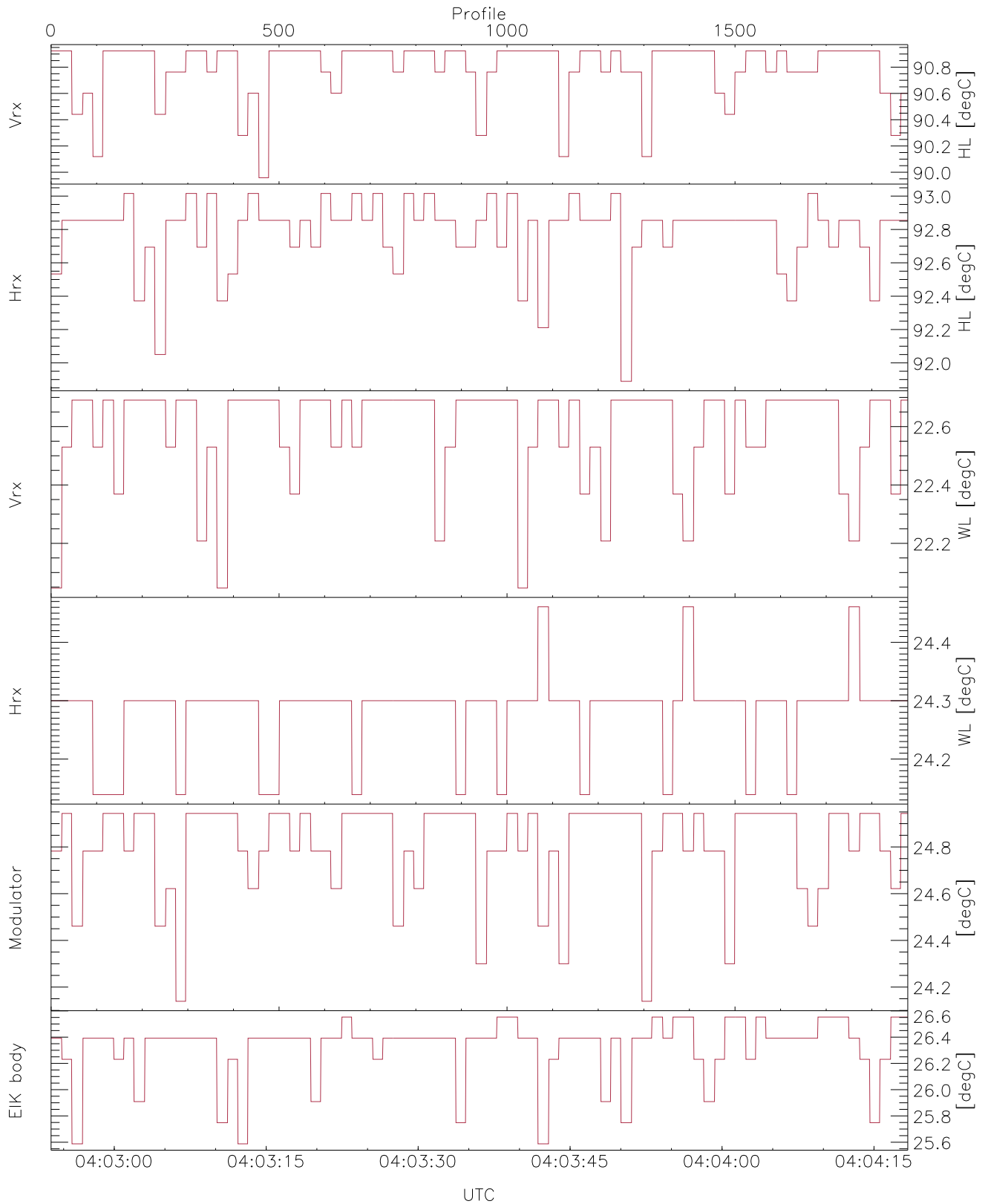


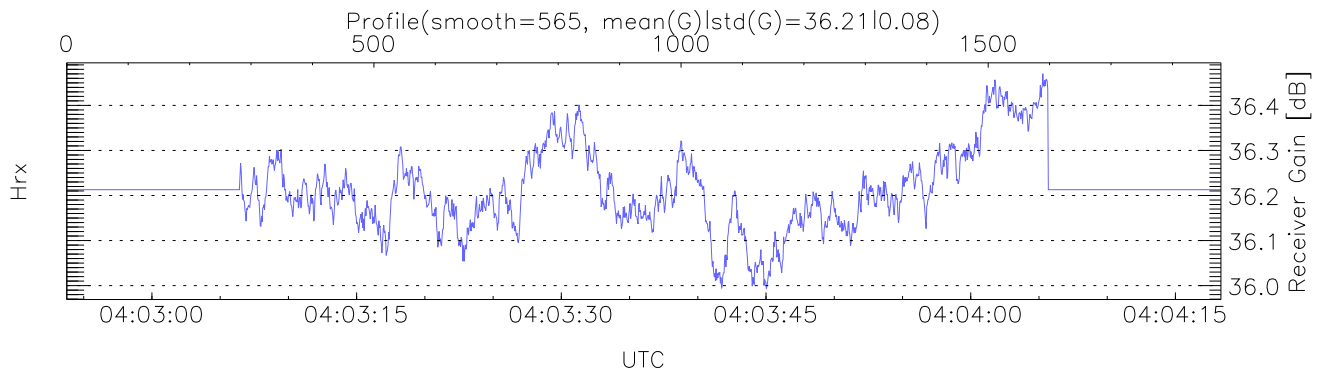
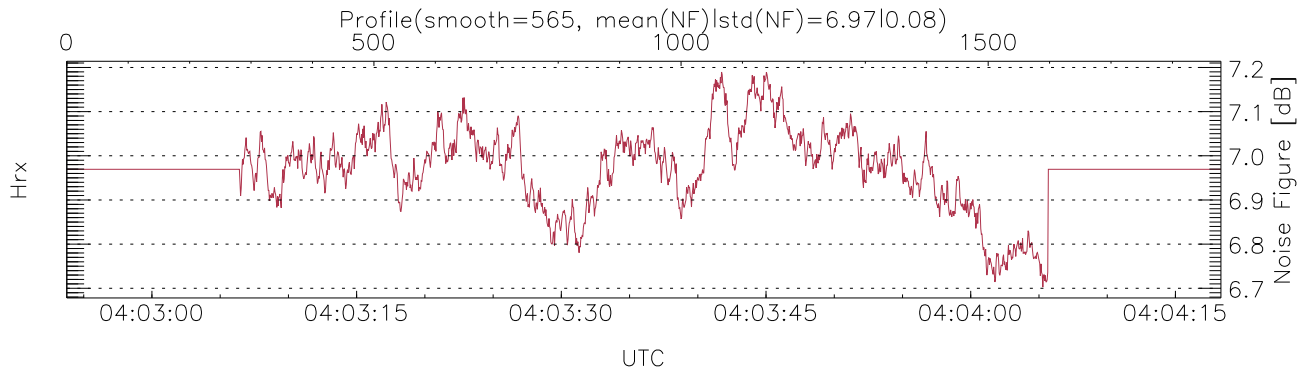
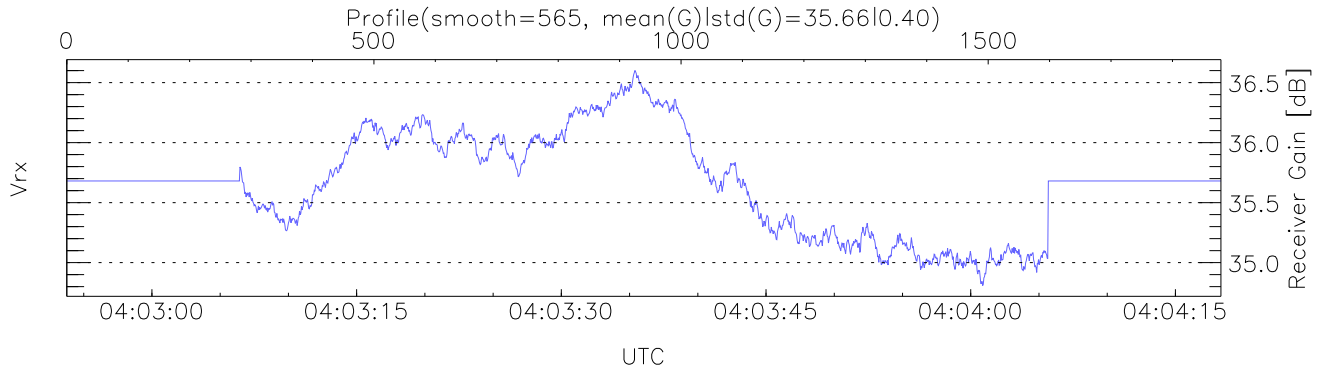
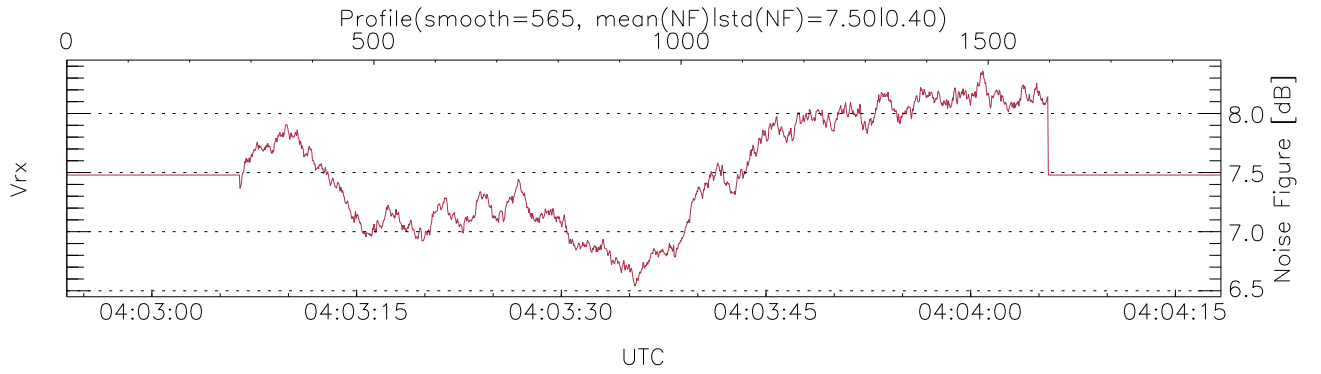
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:02:54-04:04:18, TimeCor: 0.00s, Dur: 84.58s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 1880/1880, 0-1879/04:02:54-04:04:18  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



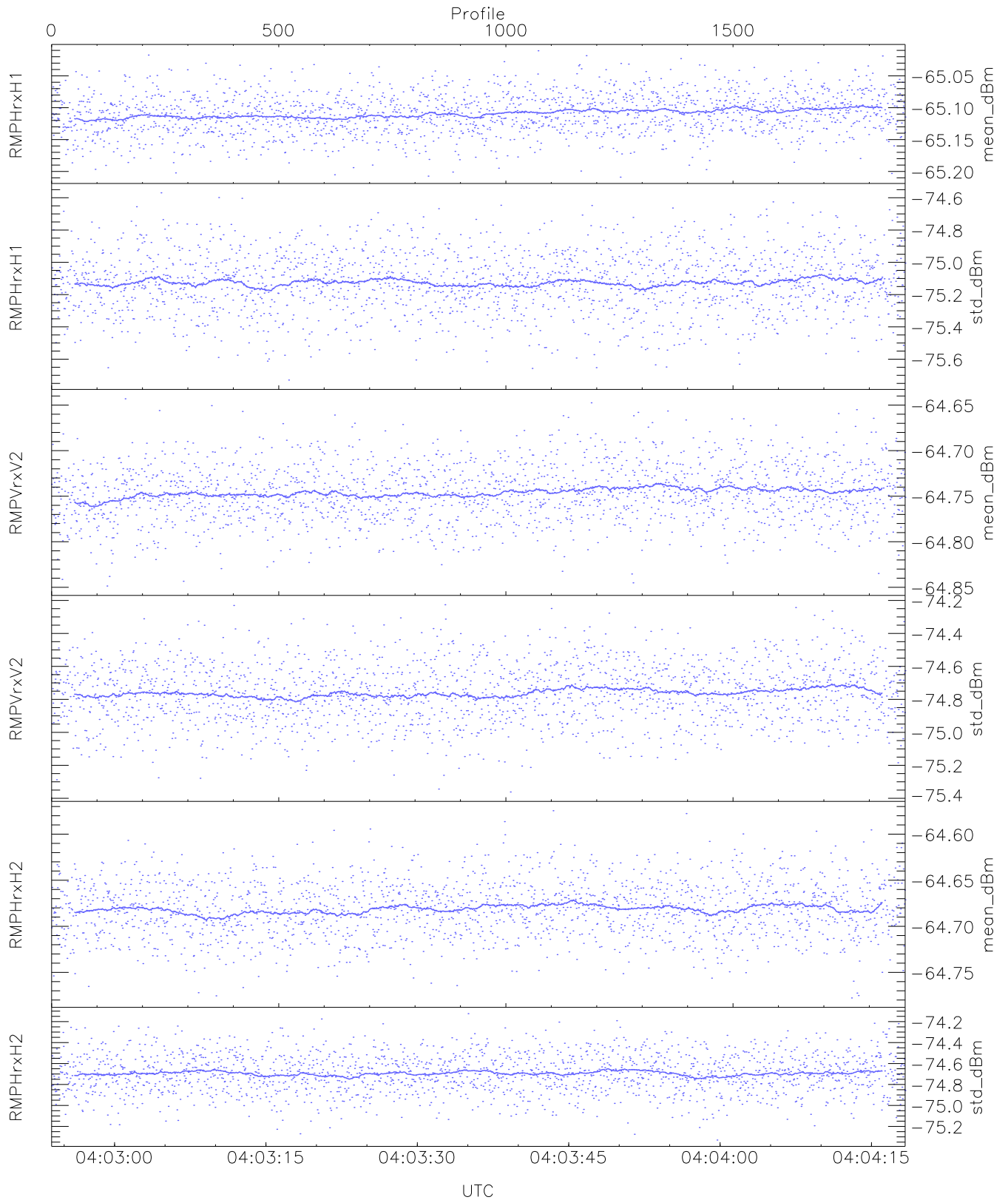
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,22,24,24,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,22,24,24,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



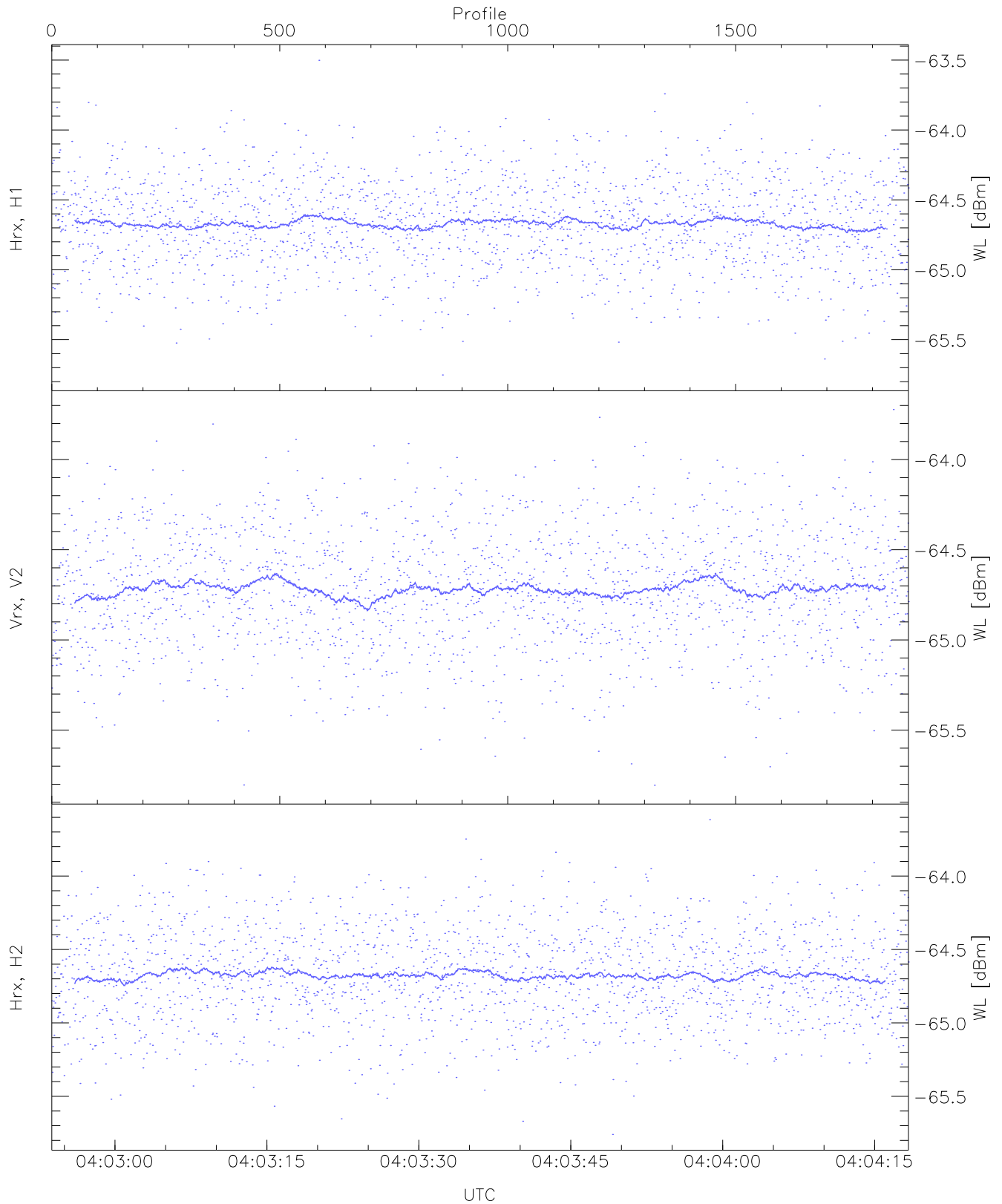
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



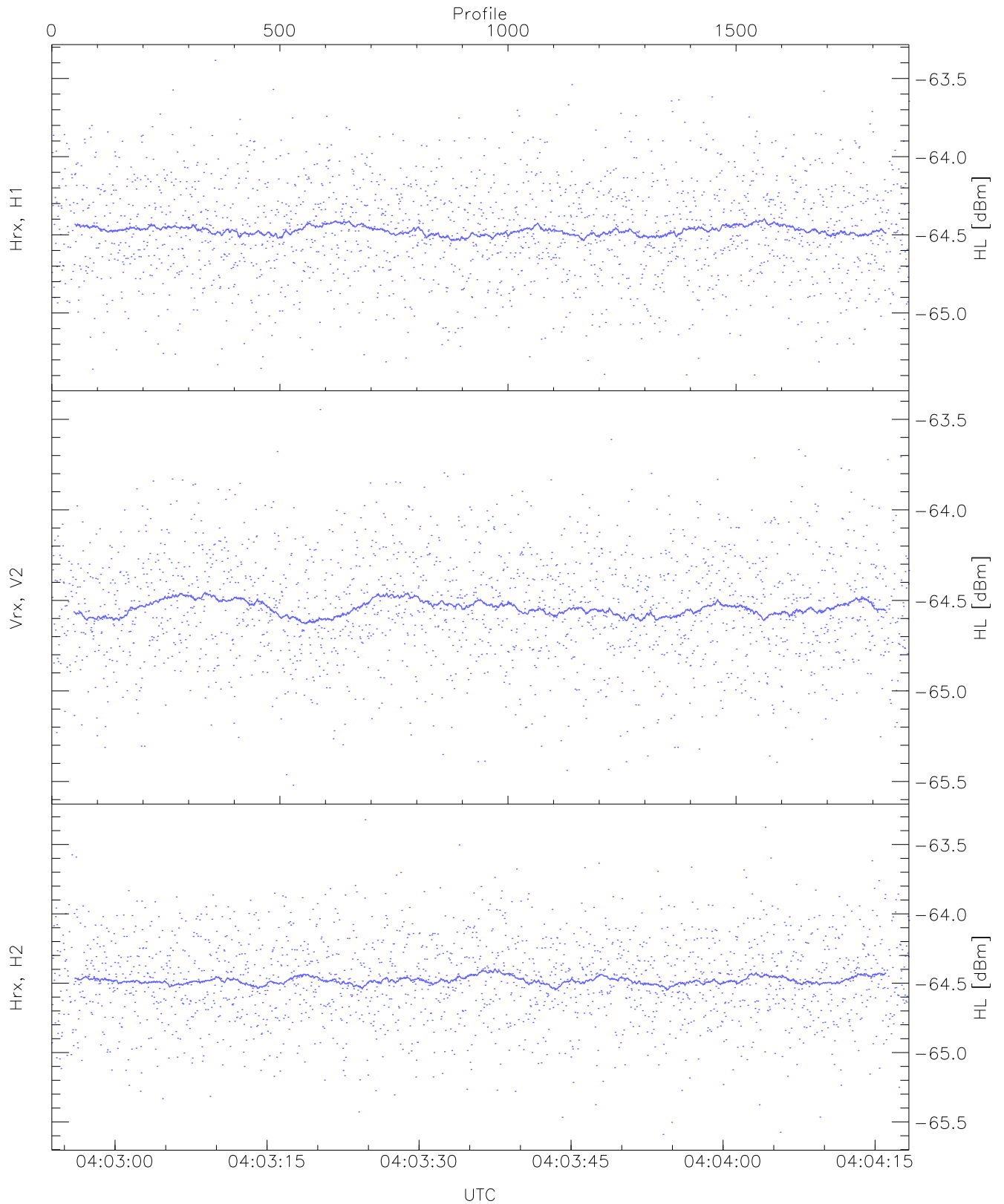
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.21	-65.01	-65.11	-65.11	-86.58
RMPHrxH1(std_dBm)	-75.73	-74.57	-75.12	-75.12	-88.86
RMPVrxV2(mean_dBm)	-64.85	-64.64	-64.75	-64.75	-86.26
RMPVrxV2(std_dBm)	-75.36	-74.23	-74.76	-74.76	-88.68
RMPHrxH2(mean_dBm)	-64.78	-64.57	-64.68	-64.68	-86.35
RMPHrxH2(std_dBm)	-75.33	-74.12	-74.69	-74.70	-88.50



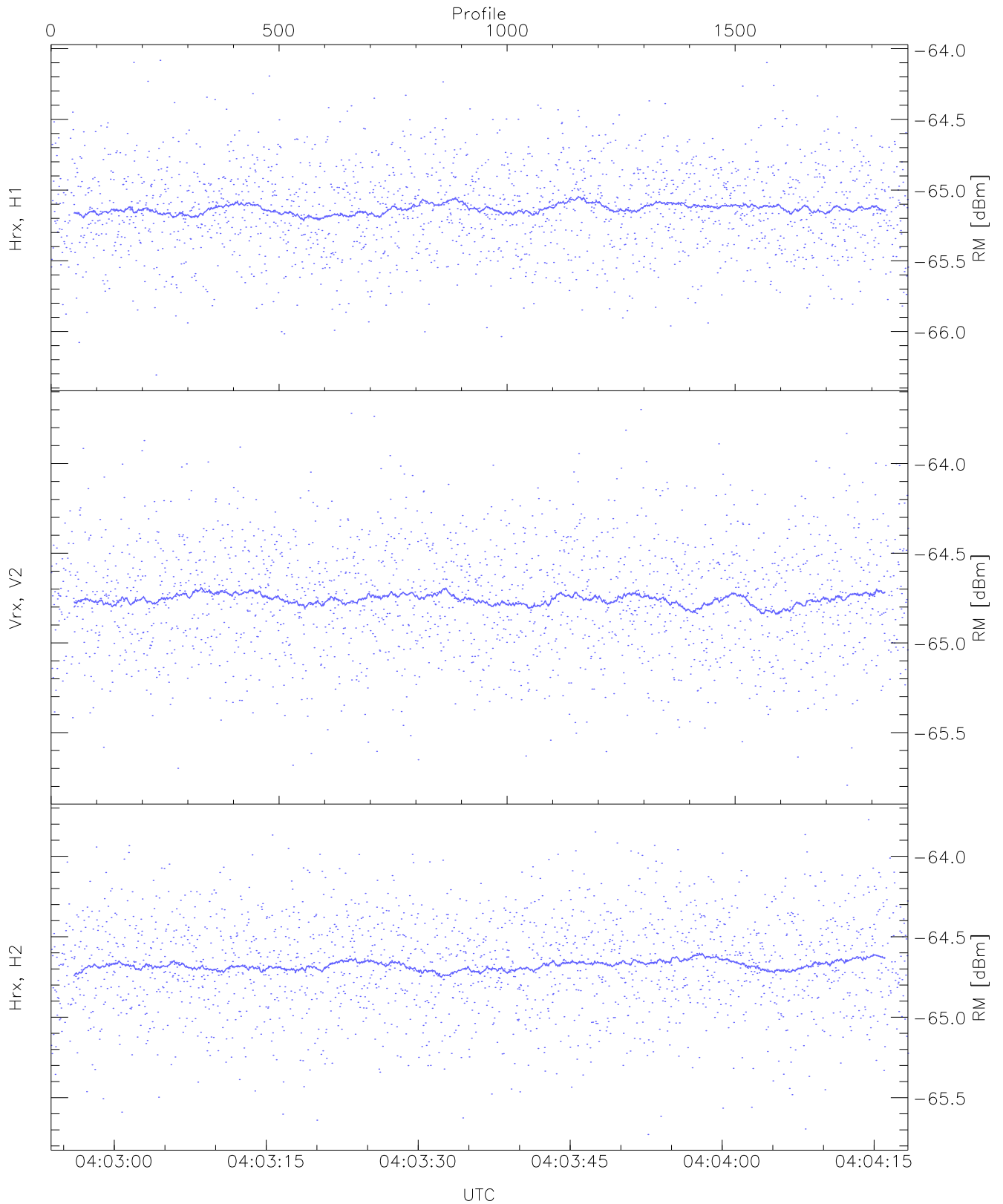
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.75	-63.50	-64.66	-64.67	-76.22
Vrx, V2 (WL [dBm])	-65.81	-63.72	-64.71	-64.72	-76.16
Hrx, H2 (WL [dBm])	-65.76	-63.62	-64.67	-64.69	-76.21



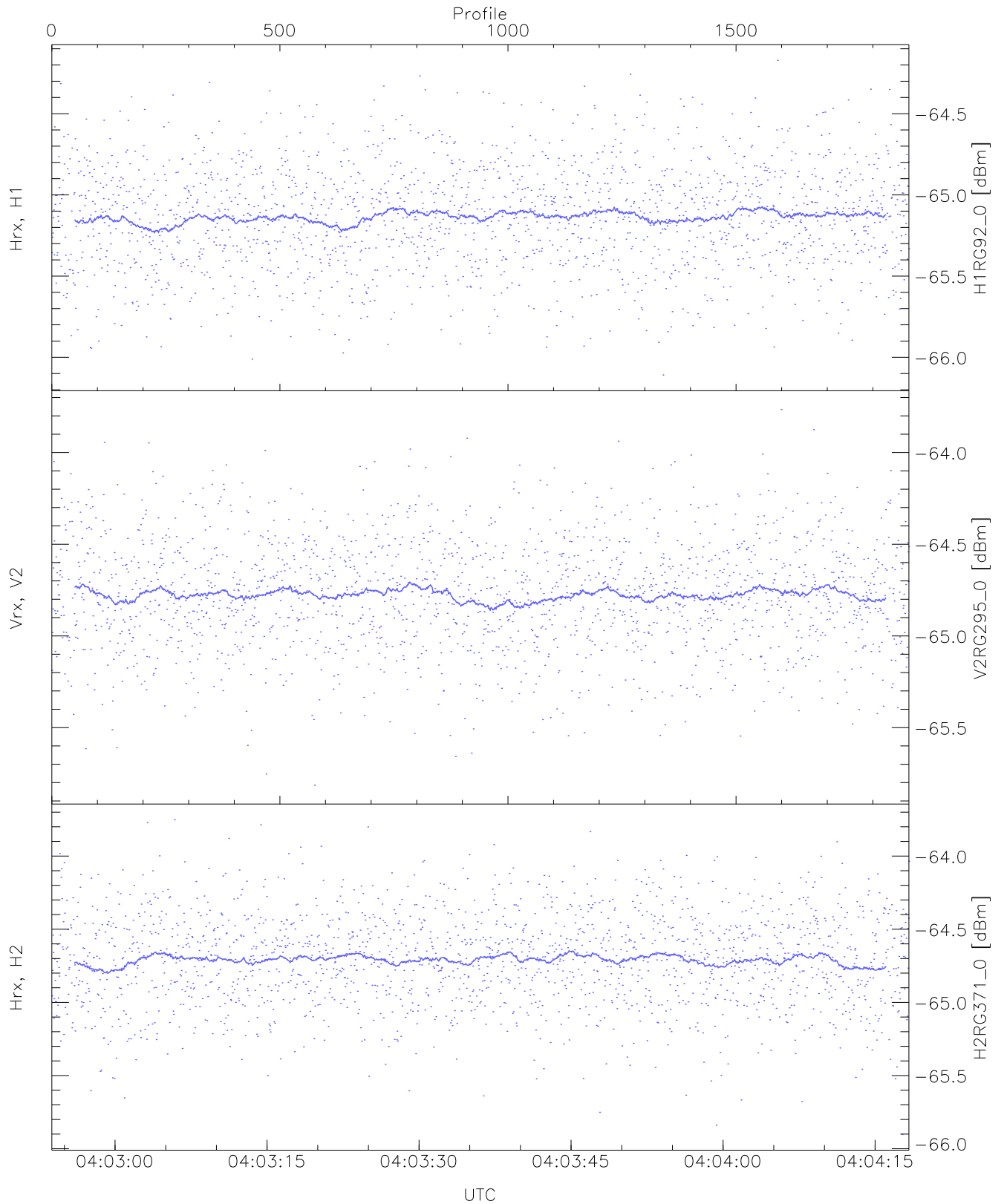
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.40	-63.38	-64.46	-64.47	-75.81
Vrx, V2 (HL [dBm])	-65.52	-63.45	-64.53	-64.55	-76.10
Hrx, H2 (HL [dBm])	-65.59	-63.32	-64.47	-64.48	-75.93



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

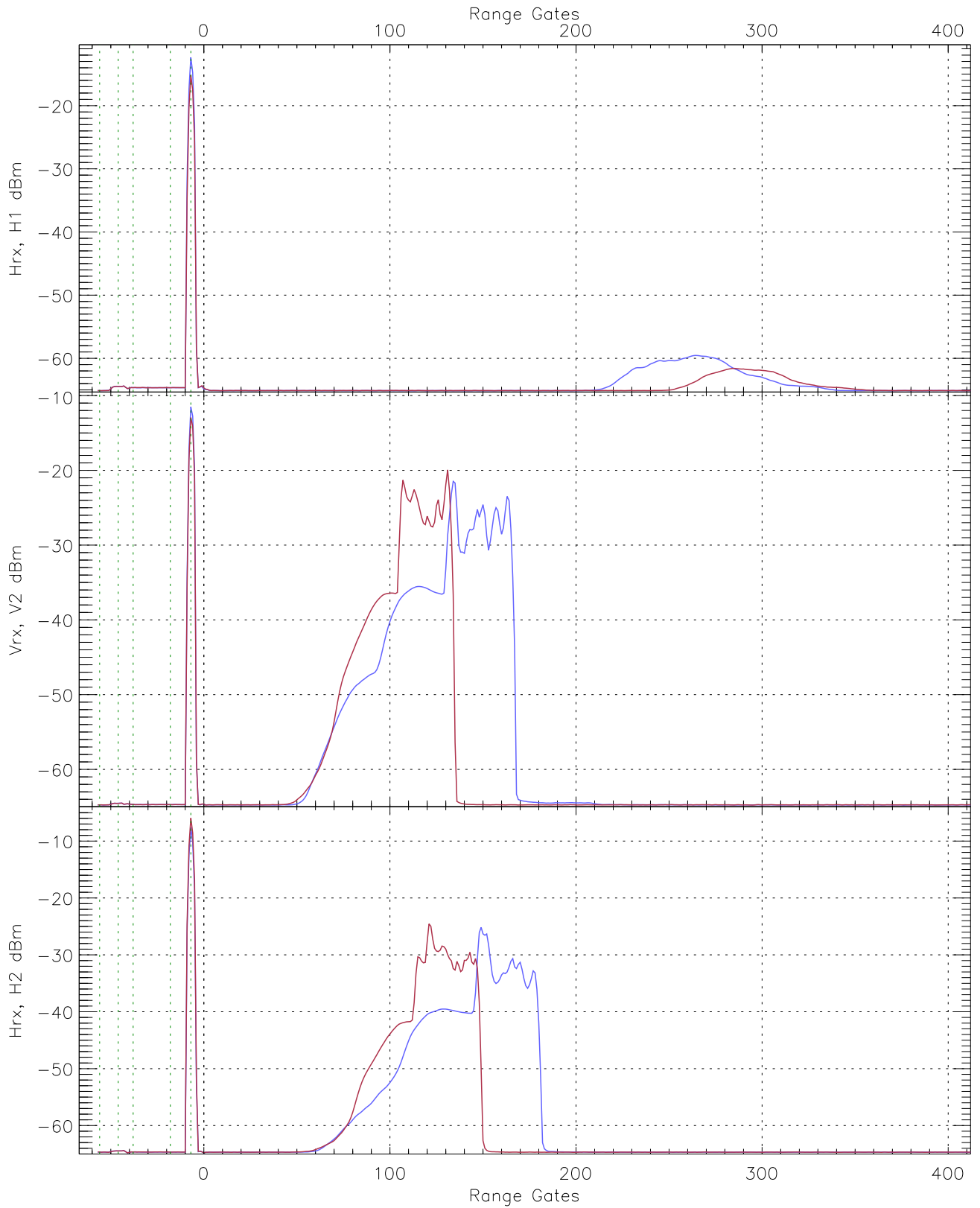
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.31	-64.08	-65.12	-65.13	-76.58
Vrx, V2 (RM [dBm])	-65.79	-63.70	-64.75	-64.75	-76.16
Hrx, H2 (RM [dBm])	-65.73	-63.77	-64.67	-64.67	-76.24



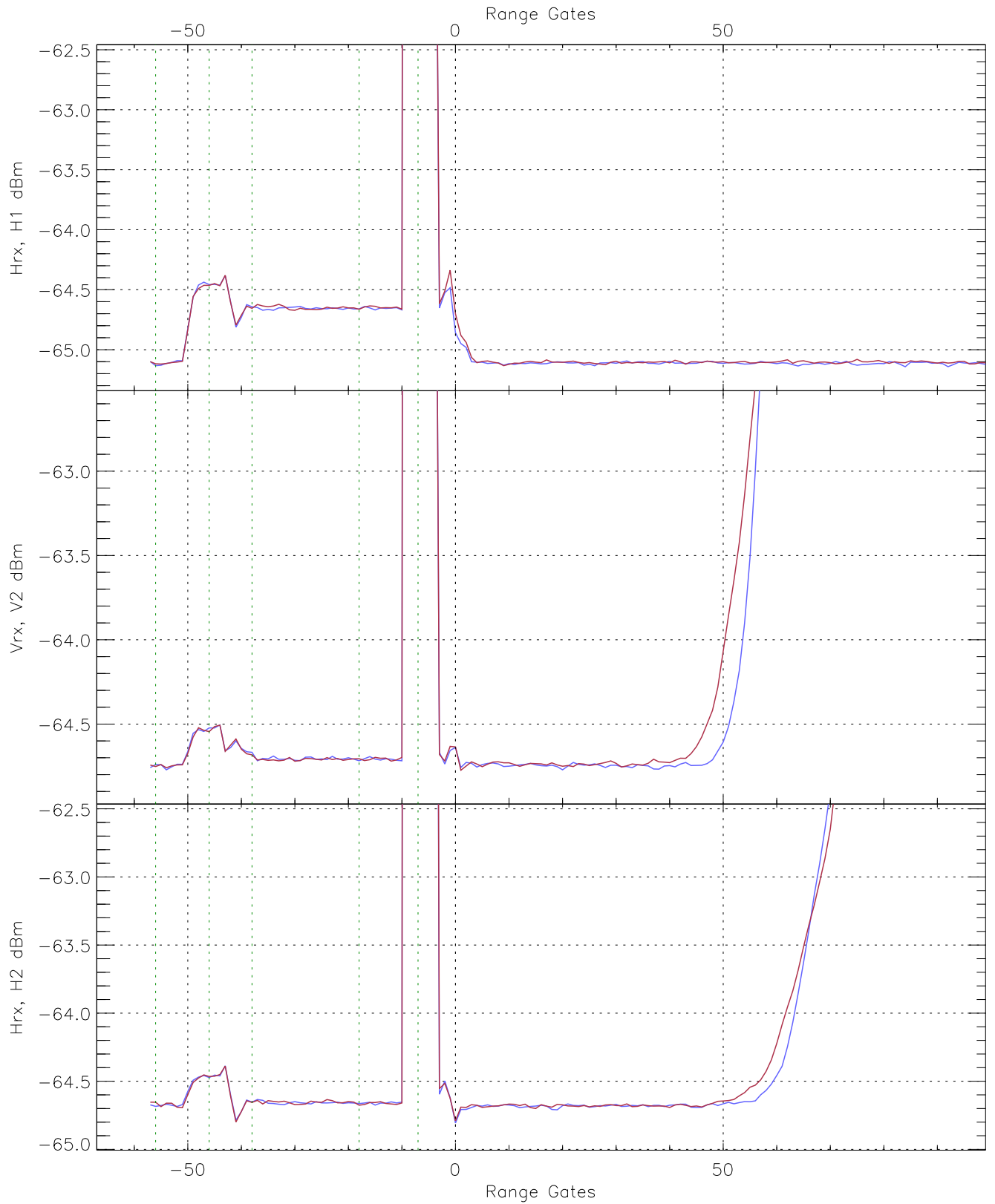
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG92_0 [dBm]	-66.11	-64.17	-65.13	-65.13	-76.58
V2RG295_0 [dBm]	-65.81	-63.77	-64.77	-64.78	-76.50
H2RG371_0 [dBm]	-65.90	-63.75	-64.70	-64.70	-76.19

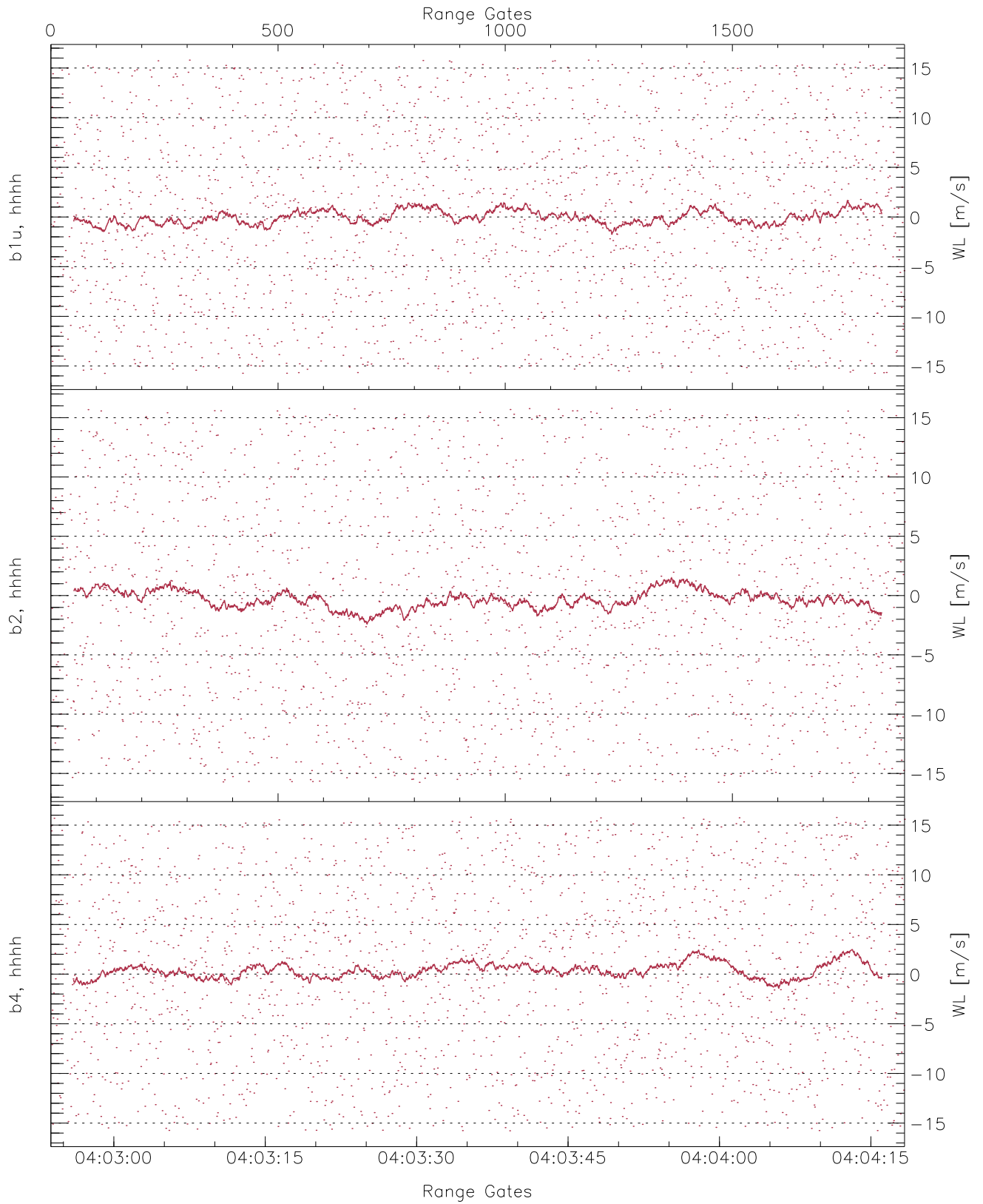




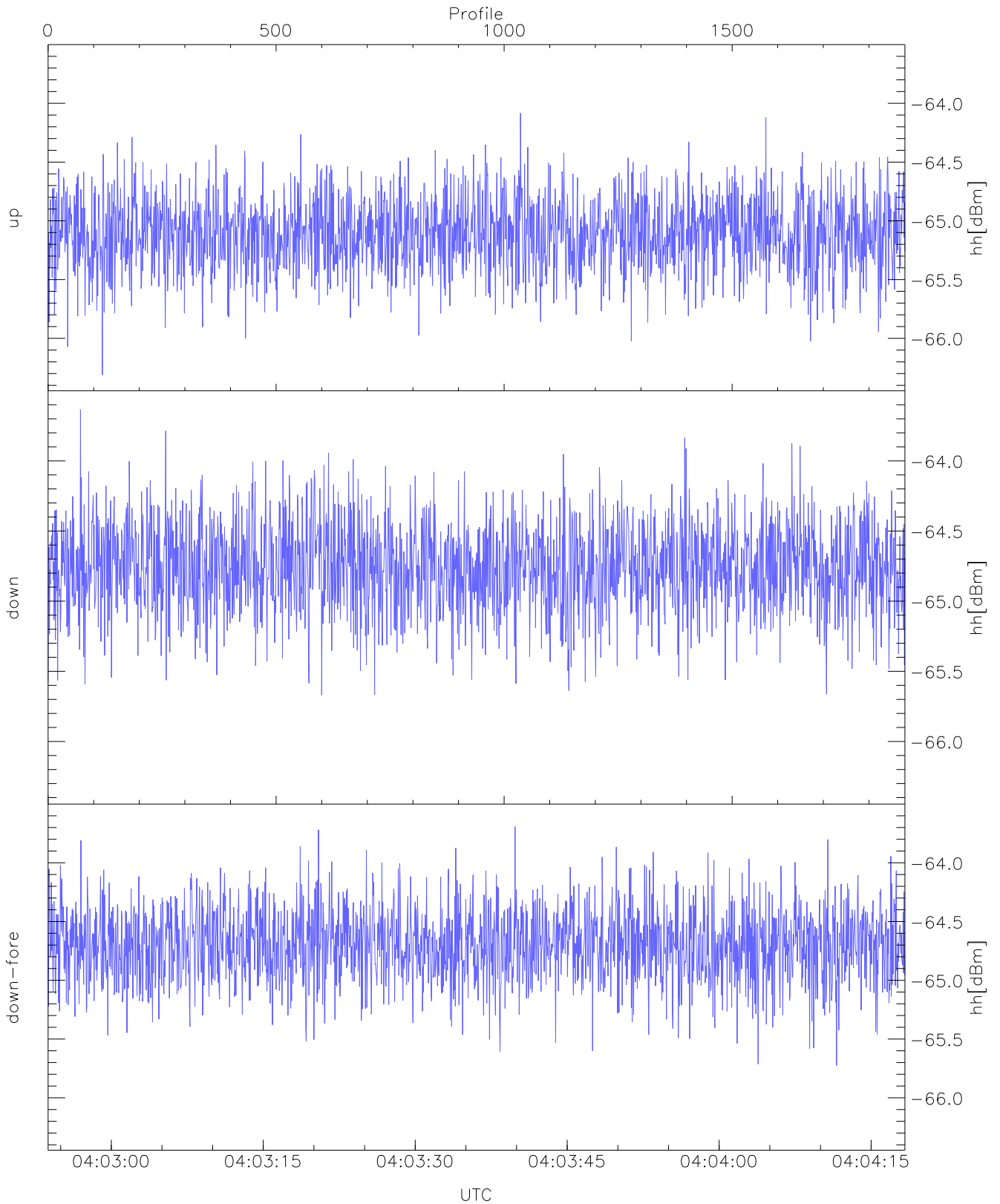
WCR3 CPP Averaged Received power for all recorded gates  
blue: 040254-040336, 941 profiles averaged  
red: 040336-040418, 940 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 040254-040336, 941 profiles averaged  
red: 040336-040418, 940 profiles averaged

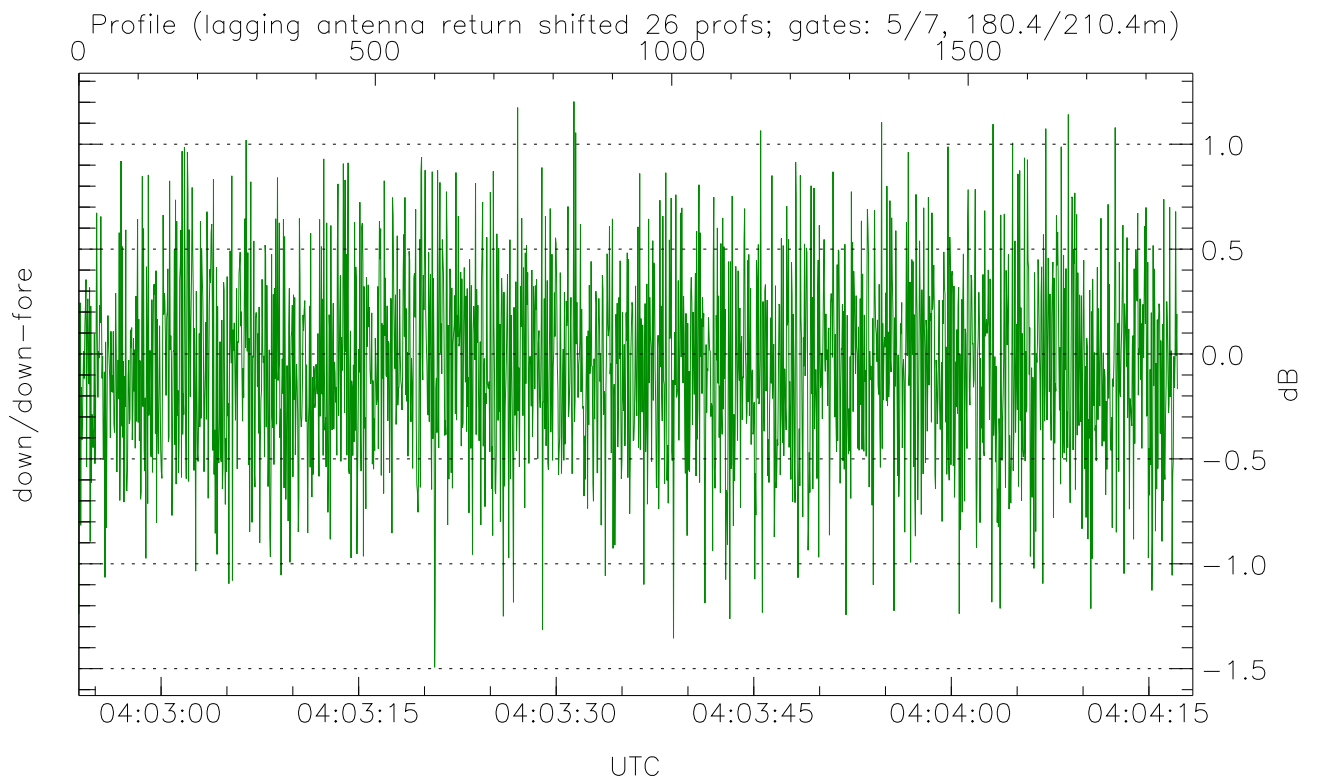
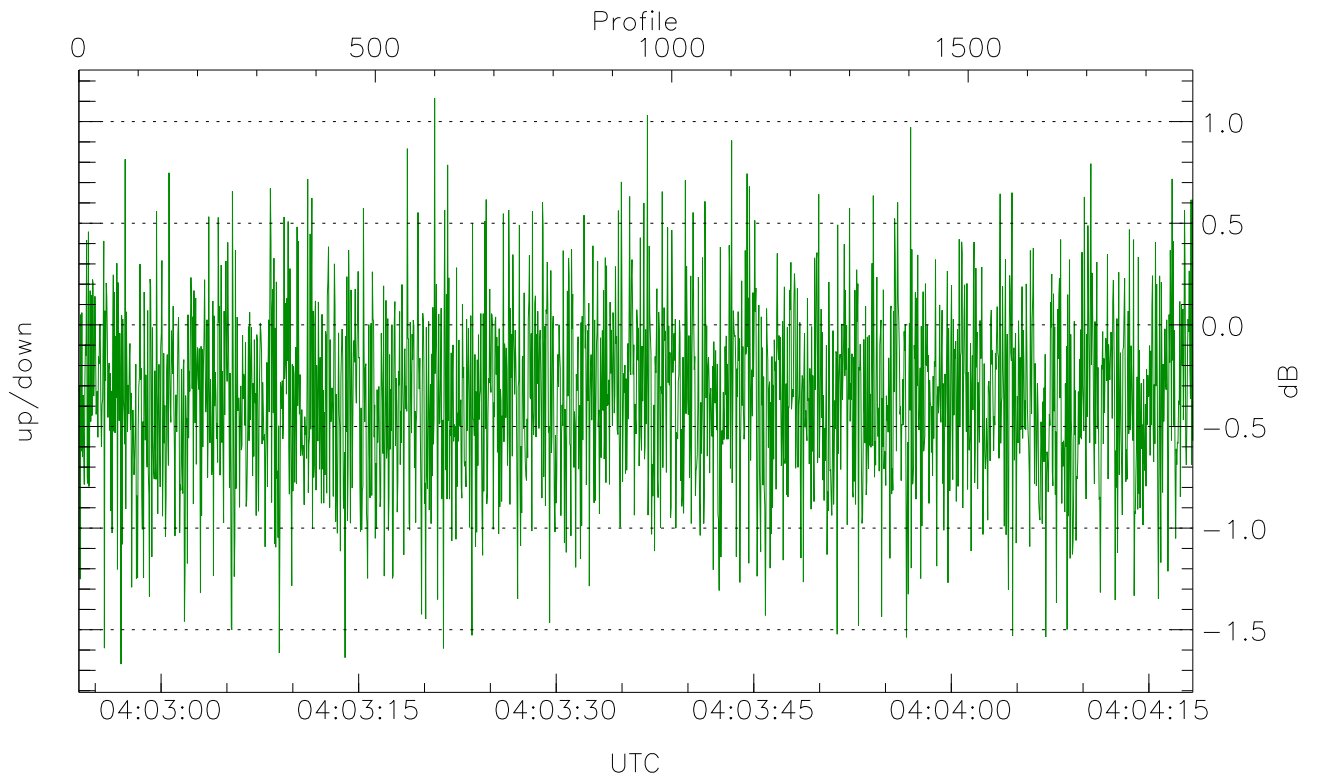


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



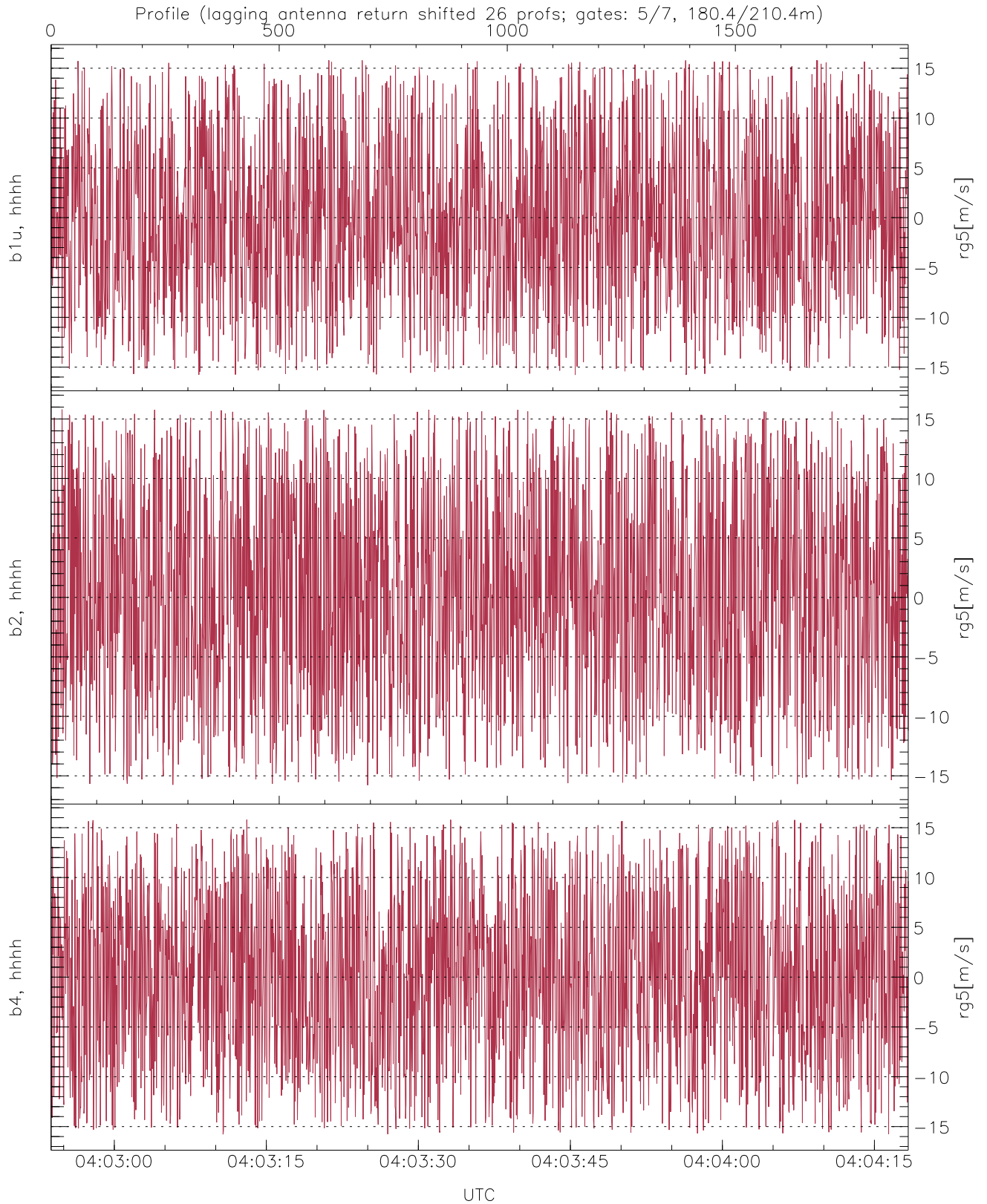
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.31	-64.08	-65.10
down(hh[dBm])	-65.67	-63.63	-64.75
down-fore(hh[dBm])	-65.73	-63.69	-64.69



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-1.67	1.11	-0.35
down/down-fore (dB)	-1.49	1.20	-0.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	-0.10	8.47
b2, hhhh(rg5[m/s])	-15.79	15.79	0.52	8.79
b4, hhhh(rg5[m/s])	-15.78	15.79	0.04	8.66